LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141864.D
Acq On : 06 Mar 2025 13:01
Operator : RC/JU
Sample : Q1488-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-102-SB02

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	4	11	27	rVB	754270	1215773	23.10%	3.477%
2	5.498	573	579	584	rBV	2520977	3307115	62.82%	9.459%
3	6.498	743	749	763	rBV	2529398	3495534	66.40%	9.998%
4	6.887	809	815	820	rBV	771139	972326	18.47%	2.781%
5	7.439	903	909	914	rBV	1759224	2244924	42.65%	6.421%
6	7.692	947	952	960	rVB	60796	74606	1.42%	0.213%
7	8.163	1026	1032	1037	rBV	1053056	1294356	24.59%	3.702%
8	9.239	1209	1215	1220	rBV	3357884	4392367	83.44%	12.563%
9	9.916	1325	1330	1335	rBV	1222255	1501914	28.53%	4.296%
10	10.627	1445	1451	1458	rBV	304182	375163	7.13%	1.073%
11	10.704	1458	1464	1474	rBV	2261539	2977623	56.56%	8.516%
12	11.404	1577	1583	1588	rBV	1216296	1563249	29.70%	4.471%
13	11.927	1662	1672	1693	rBV	930733	1631918	31.00%	4.667%
14	12.627	1786	1791	1798	rBV4	33184	73409	1.39%	0.210%
15	12.710	1798	1805	1818	rVV	428615	719514	13.67%	2.058%
16	12.986	1846	1852	1857	rBV	4158918	5264159	100.00%	15.056%
17	13.674	1965	1969	1974	rBV	61212	76168	1.45%	0.218%
18	13.880	1999	2004	2012	rBV	321738	584000	11.09%	1.670%
19	14.039	2025	2031	2038	rVB	1132997	1503836	28.57%	4.301%
20	14.515	2107	2112	2118	rBV2	48120	108912	2.07%	0.311%
21	15.157	2217	2221	2226	rBV	41070	68220	1.30%	0.195%
22	15.510	2275	2281	2287	rBV	825165	1304961	24.79%	3.732%
23	16.057	2369	2374	2397	rVB3	36639	146812	2.79%	0.420%
24	16.504	2446	2450	2465	rVB5	32021	66911	1.27%	0.191%

Sum of corrected areas: 34963770

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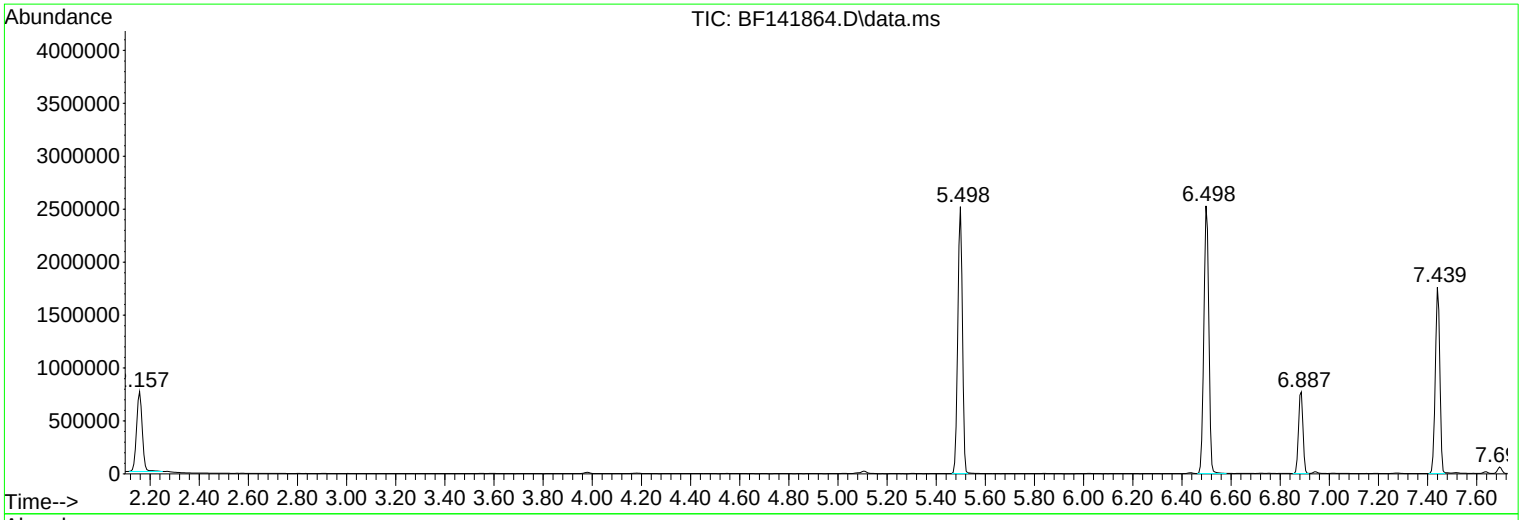
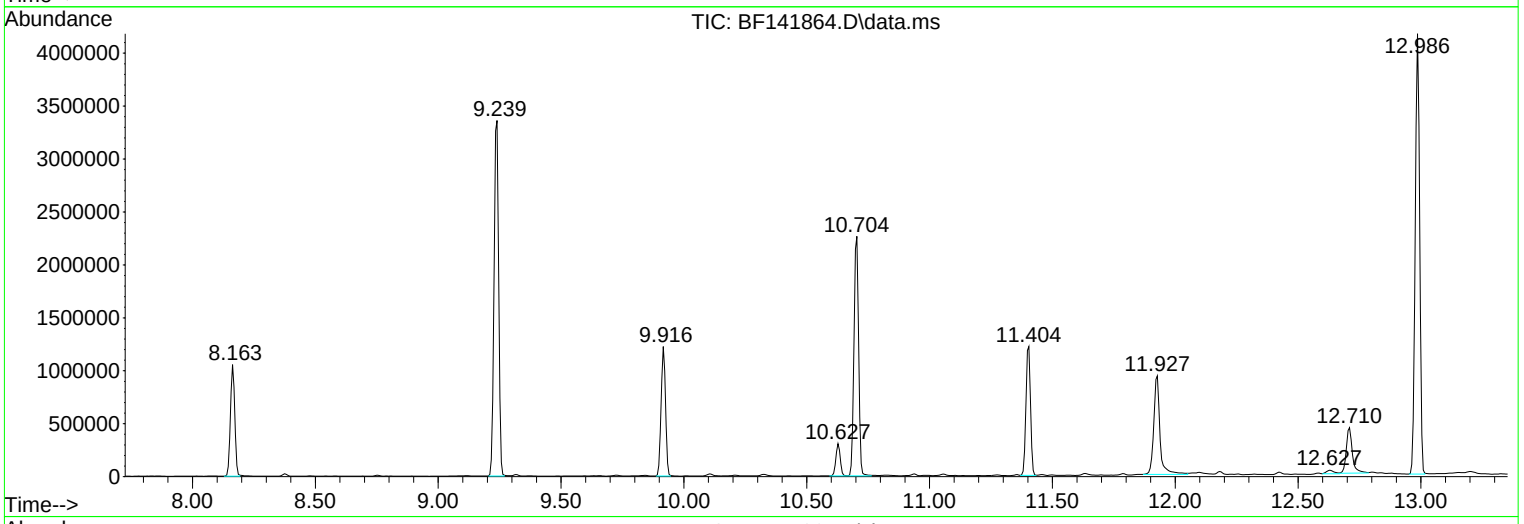
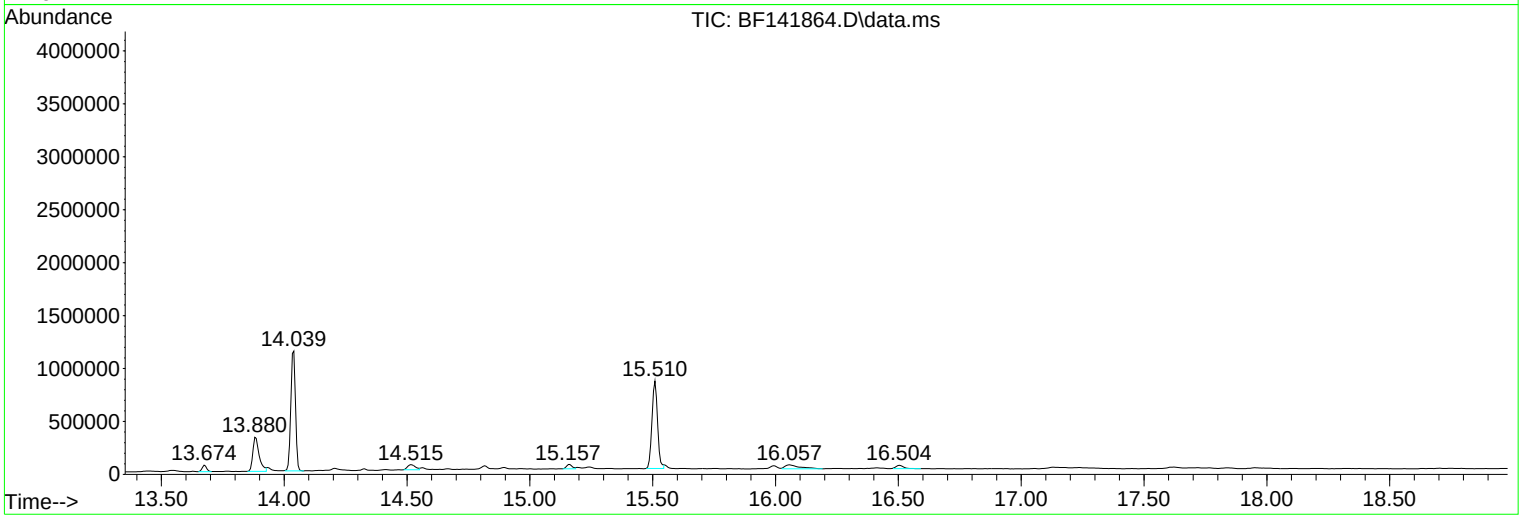
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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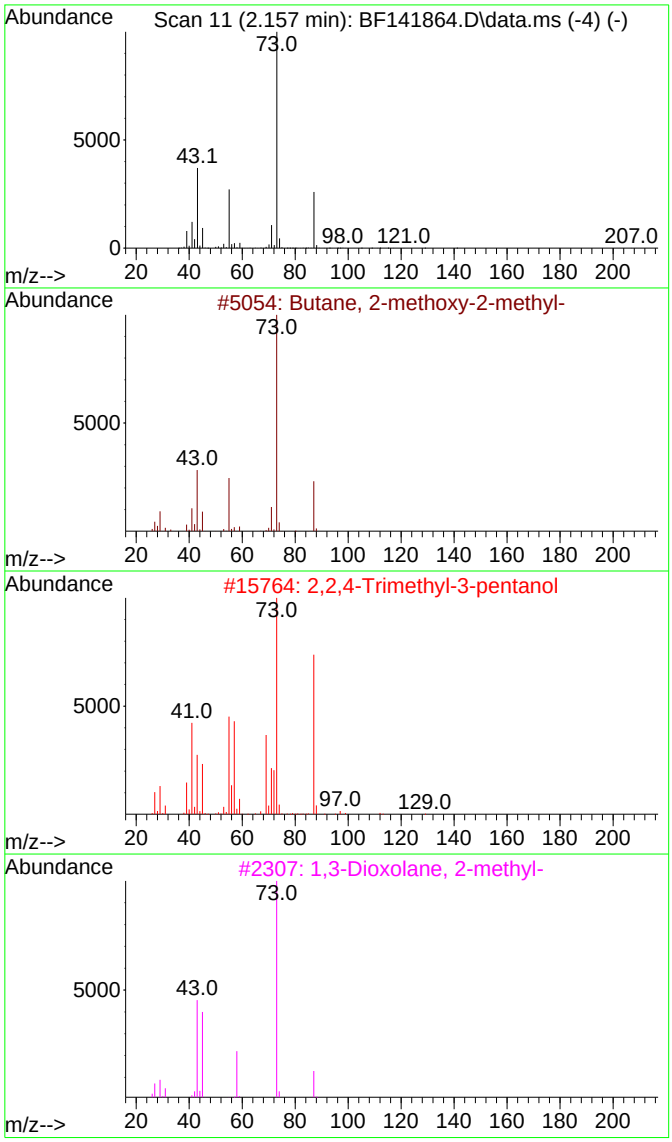
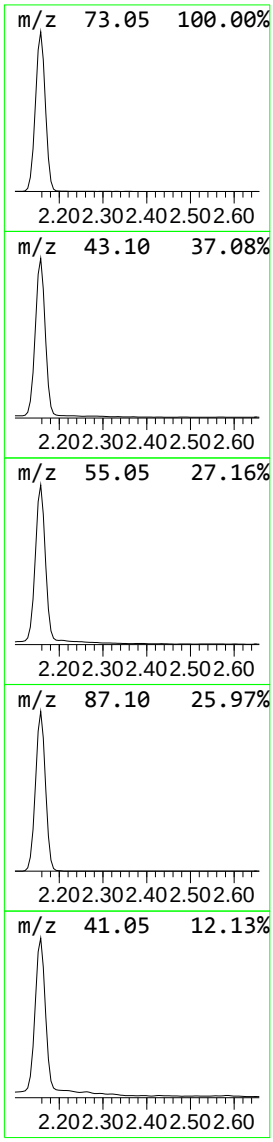
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	25.01 ng	1215770	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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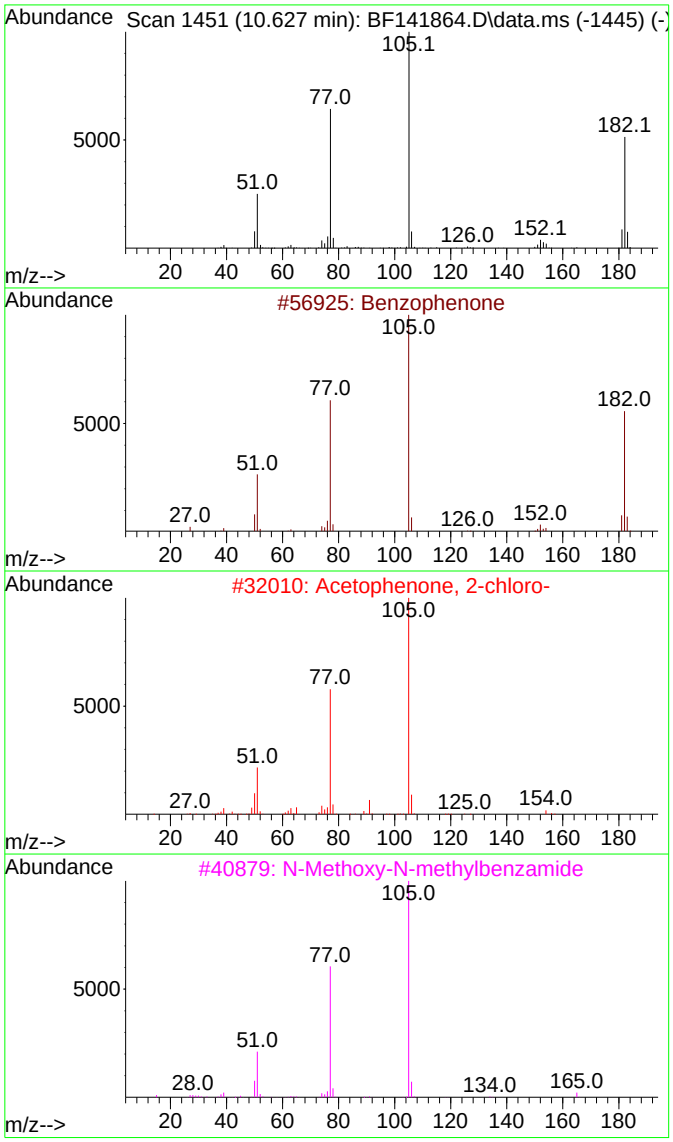
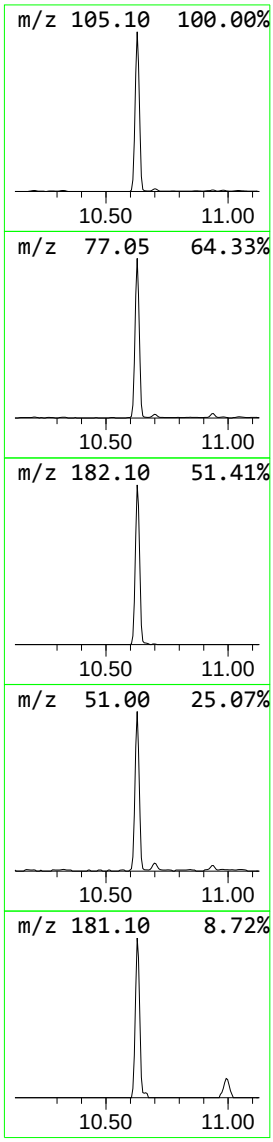
Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	5.00 ng	375163	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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ClientSampleId :
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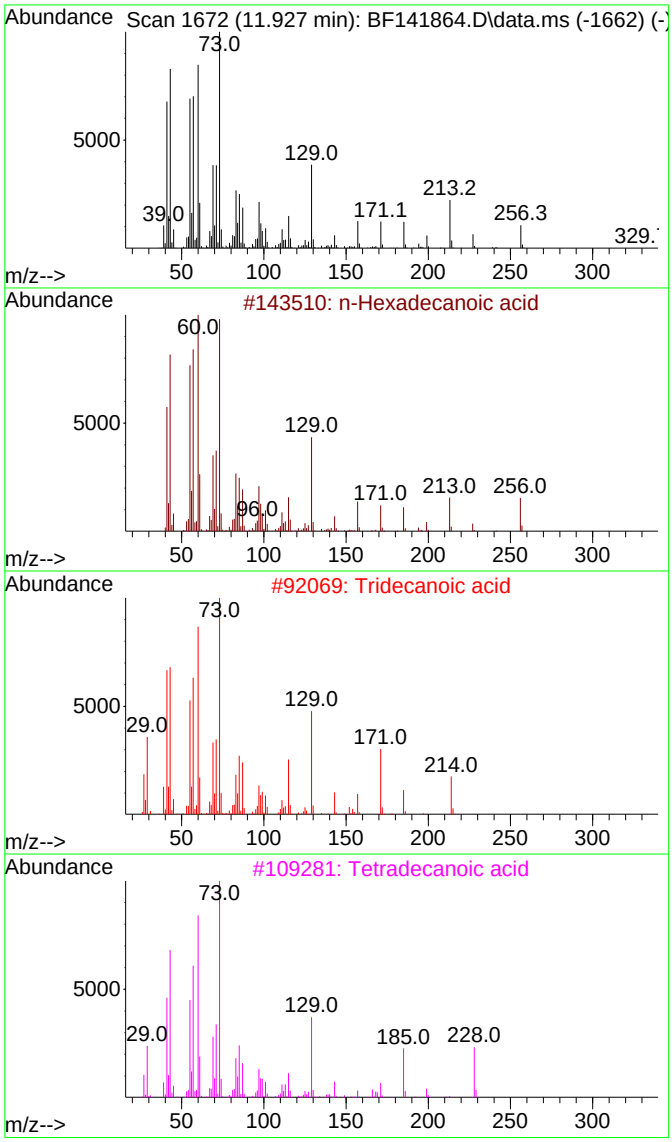
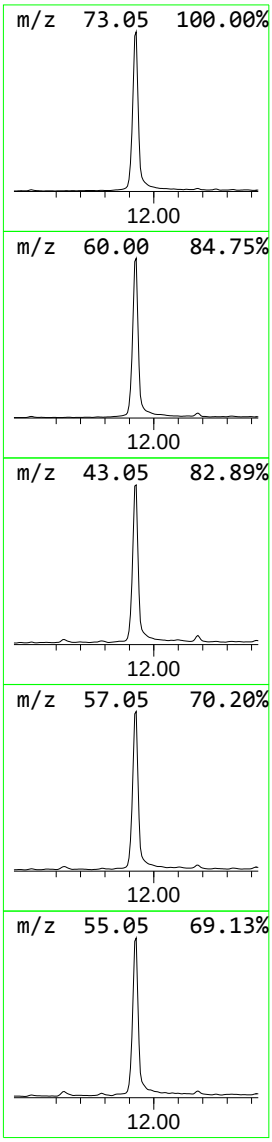
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	20.88 ng	1631920	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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ClientSampleId :
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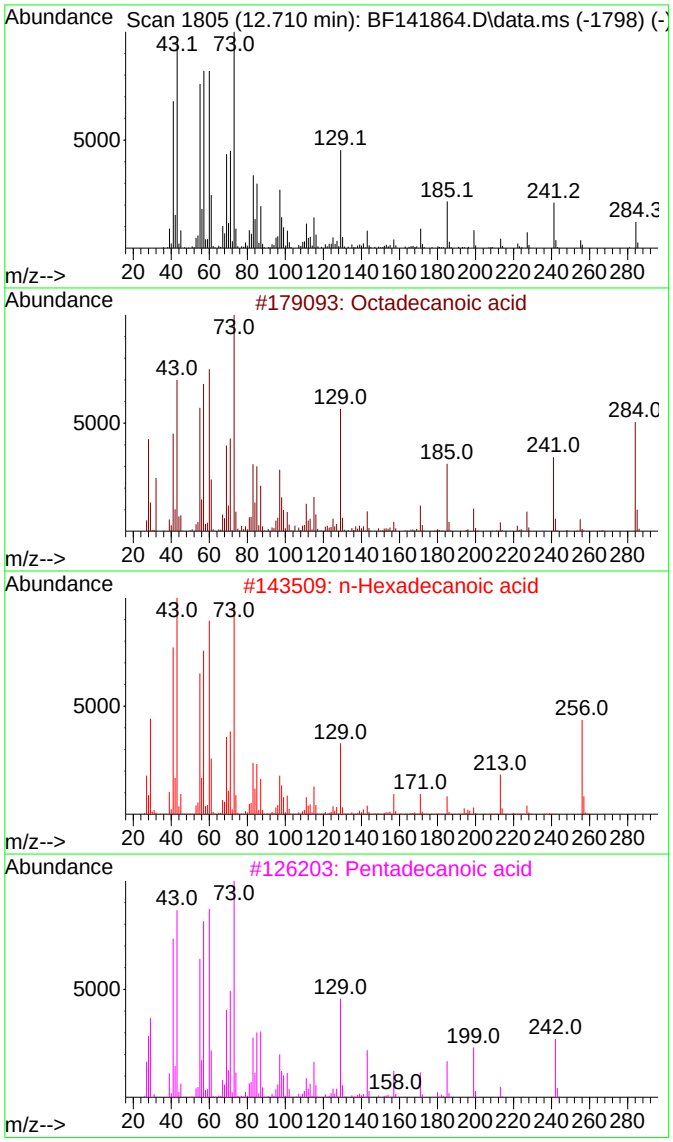
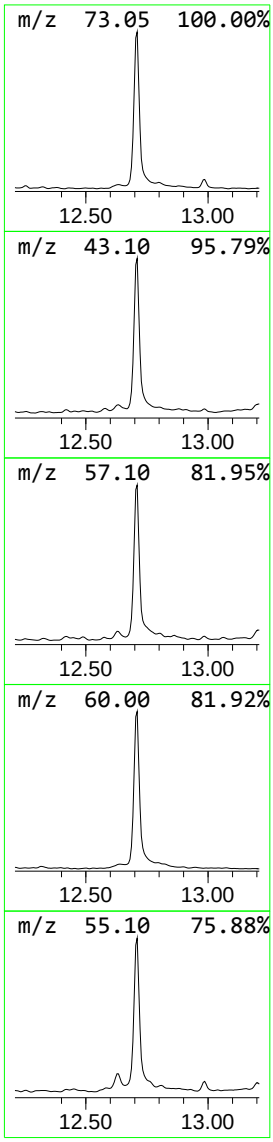
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	9.21 ng	719514	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
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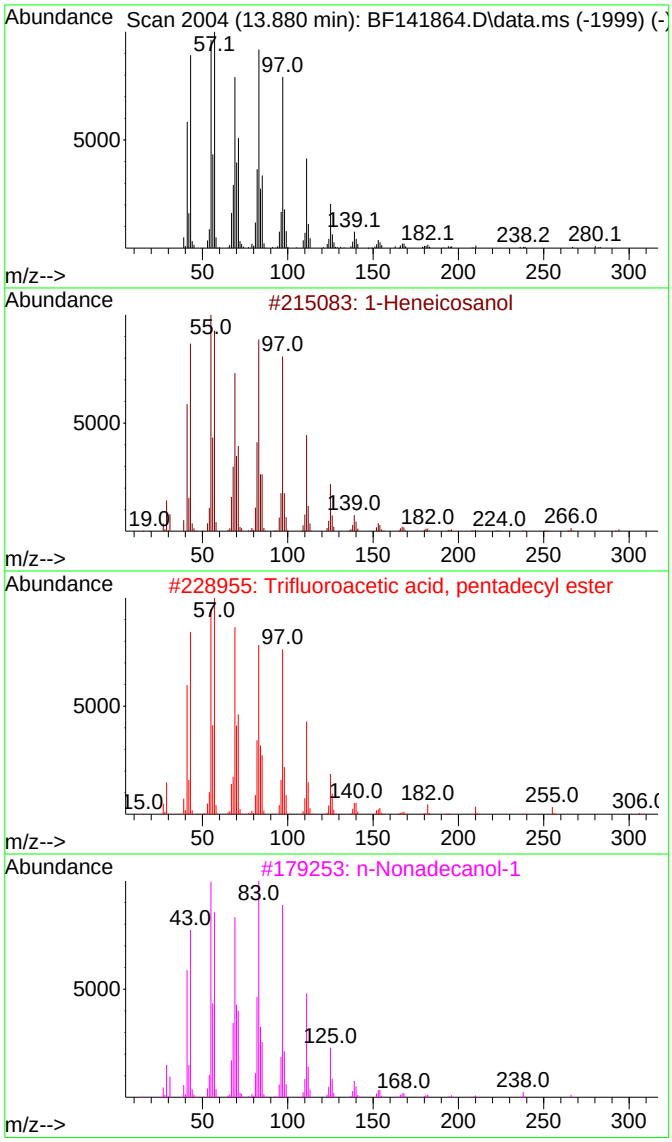
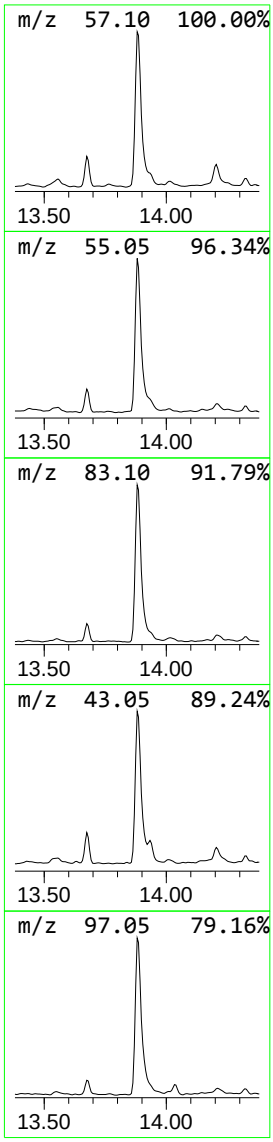
Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	7.77 ng	584000	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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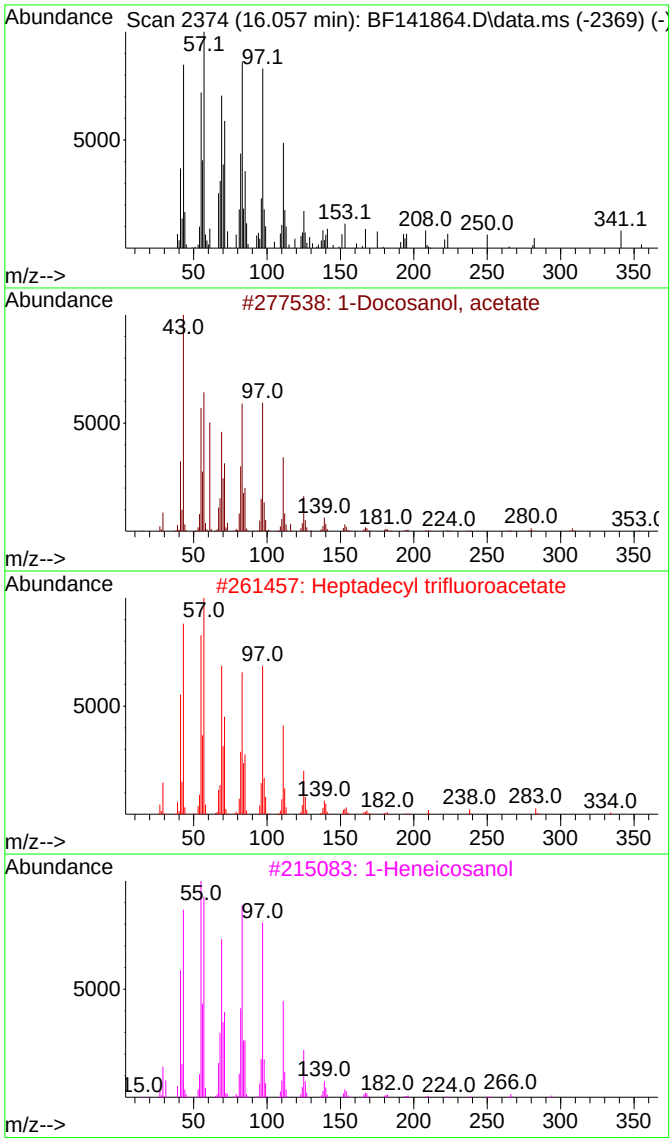
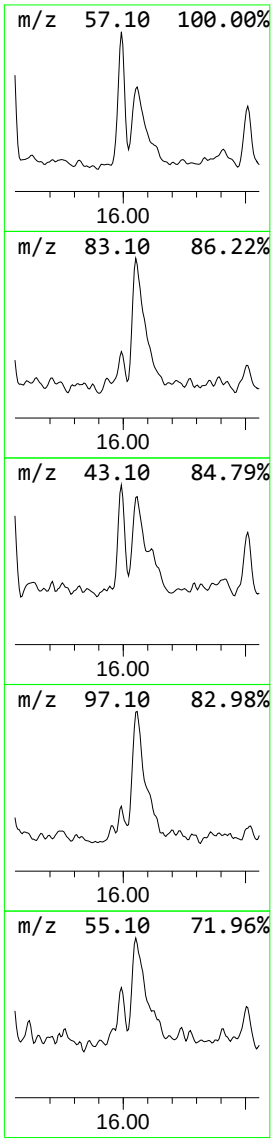
Peak Number 6 1-Docosanol, acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	2.25 ng	146812	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanol, acetate	368	C24H48O2	000822-26-4	91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	1-Hexacosanol	382	C26H54O	000506-52-5	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.157	25.0	ng	1215770	1	6.887	972326	20.0
Benzophenone	10.628	5.0	ng	375163	3	9.916	1501910	20.0
n-Hexadecanoic ...	11.927	20.9	ng	1631920	4	11.404	1563250	20.0
Octadecanoic acid	12.710	9.2	ng	719514	4	11.404	1563250	20.0
1-Heneicosanol	13.880	7.8	ng	584000	5	14.039	1503840	20.0
1-Docosanol, ac...	16.057	2.3	ng	146812	6	15.509	1304960	20.0